

Table 4 Forearm, lumbar spine and femoral neck bone mineral density (BMD) in the different XbaI genotypes

Genotype	XX	Xx	xx	XX	Xx	xx
BMD	NBMD			LBMD		
n	25	113	42	73	110	37
Age (years)	51.1±4.0	50.0±1.6	52.0±2.2	51.5±7.9	50.2±10.7	50.0±2.6
Years since menopause	2.4±2.1	1.0±0.7	1.8±2.4	3.0±2.1	4.4±3.7	3.0±3.2
Smokers (%)	75	60	50	70	67	62
Alcohol consumers (%)	45	25	30	42	34	41
Forearm BMD (g/cm ²)						
Distal site	0.519±0.078	0.524±0.125	0.685±0.195	0.390±0.032	0.393±0.088	0,420±0.048
Ultradistal site	0.411±0.080	0.415±0.057	0.474±0.143	0.223±0.064	0.291±0.107	0,358±0.071
Z-score	0.0	-0.3	-0.4	-2.0	-1.5	-0.6
T-score	-0.2	-0.2	0.0	-3.1	-2.4	-1.5
L ₁ -L ₄ BMD (g/cm ²)	0.876±0.015	0.868±0.008	0.861±0.010	0.745±0.174	0.805±0.056	0.865±0.073
Z-score	-0.1	-0.2	0.1	-2.1	-0.6	-0.1
T-score	-0.5	-0.6	-0.4	-2.8	-2.3	-1.7
Femoral neck BMD (g/cm ²)	0.846±0.054	0.873±0.046	0.903±0.031	0.690±0.084	0.693±0.041	0.650±0.028
Z-score	0.1	0.2	0.4	-2.0	-2.0	-1.9
T-score	-0.6	-0.4	-0.2	-2.0	-2.0	-1.9

NBMD: Normal bone mineral density group, LBMD: Low bone mineral density group